IGOR

Interactive Galleries On Request

User Manual, version 1.8

from

Digital Opportunities

THE DIGITAL EXHIBITION EXPERTS

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Welcome to IGOR!

IGOR (Interactive Galleries On Request) gives you four types of digital exhibit to create for your on-gallery visitors: interactive touchscreen, video player, slideshow and RSS news reader.

IGOR comes in two parts: the main IGOR program, which is what visitors see on-gallery (in your public space) and the Content Tool, which determines in what mode IGOR will run, and what content it will show.

Developing digital exhibits with IGOR is easy: add your content to the IGOR Content Tool and preview your final IGOR exhibit (or *installation*) as you work. When finished, copy your IGOR installation to the required computer and then set the IGOR program to launch when the computer starts.

Some things to remember

- You can preview your IGOR installation at any time by clicking on the 'Preview' or 'Wide Preview' buttons in the top right hand corner of the Content Tool. *When you have finished previewing, you must press Alt-F4 (on Windows) or command-Q (on Macintosh) to quit the preview.*

- IGOR can display your content in **Standard** (4:3 display ratio) and **Widescreen** (16:9 display ratio). Click the correct icon at the top of the content Tool to see a preview each display ratio

- IGOR saves when you quit or when you preview your installation. (Note: in Windows you must use the *Quit* menu command rather than pressing Alt-F4, for this to work).

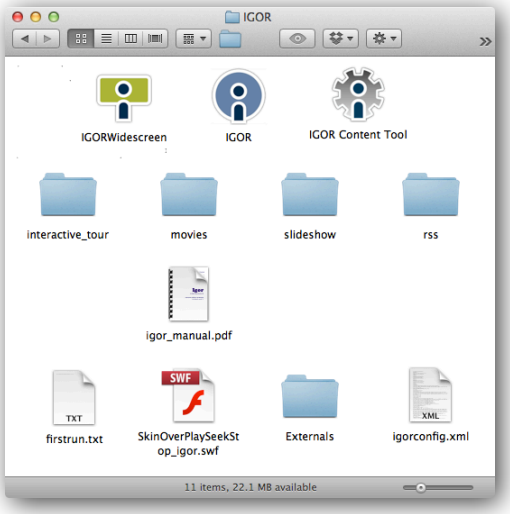
- Your IGOR folder comes with some subfolders, containing sample content. You can put your own content in these folders, or make new ones of your own. In fact, you can store your images and videos anywhere on your computer but if you keep everything within the IGOR folder, you can move your installation to a different computer just by copying that folder.

Setting up IGOR

When you have downloaded your IGOR installer, double-click the file then follow the on-screen instructions.

On Windows, IGOR is installed as a folder and does not appear in your Start Menu. We recommend that you install the IGOR folder to your desktop or 'my documents' folder

Following installation please navigate to the location you installed IGOR. This will be a folder named IGOR which contains the following (here shown on a Macintosh):



IGOR, IGORWidescreen - are the standard and widescreen versions of the main program which run on-gallery and be seen by the public. You can run either version on the same content.

IGOR Content Tool - is used to add, edit and preview your content.

IGOR_manual.pdf - a copy of this document.

Folders: interactive_tour, movies, slideshow, rss - are where the sample content is stored. You can add your own folders if you wish.

IGOR.config.xml, SkinOverPlaySeekStop_IGOR.swf - are required by the program, please do not delete them.

Folder: Externals - is required by the program, please do not delete.

To start using IGOR please double-click the IGOR Content Tool to launch it. You will see the front page which looks like this:

The IGOR Content Tool
Welcome to IGOR!
Interactive Galleries On Request
Setting up IGOR is easy: please choose how you want this IGOR to run, then select your content...
Preview
Wide preview
Touchscreen interactive
Video Player
Slideshow
RSS Display
How to use IGOR
IGOR comes in two parts: the main IGOR program (which is what visitors see in-gallery) and this content tool, which determines how IGOR will run, and what content it will show.
How to use this content tool
Click on one of the tabs above to choose how you want this installation of IGOR to run. You can then define some simple parameters (video files, text for your interactive etc.) to set up your IGOR installation.
When you quit this tool, you can launch the main IGOR program. It will run based on which tab was last selected. So if the 'Video Player' tab was foremost, IGOR will run as a video player.
IGOR automatically loads and saves your settings whenever you launch or quit this tool, so you don't need to worry about that.
When editing your IGOR installation click on the icon in the top right hand corner to preview it.
Time to get cracking, building that incredibly cheap IGOR installation - hurrah!
IGOR and the team at Digital Opportunities, 2012.
IGOR and the IGOR Content Tool
Copyright 2012 Digital Opportunities Ltd.
All Rights Reserved.
/Users/iansmith/Dropbox/digitalopps/igor/software/installers/trial/igor
Version 1.5.3

To preview an installation (touchscreen interactive, video, slideshow, or rss viewer) click on one of the tabs and then click on 'Preview' (for a standard 4:3 display) or 'Wide Preview' (if you are building for a widescreen display) in the top right hand corner of the screen.

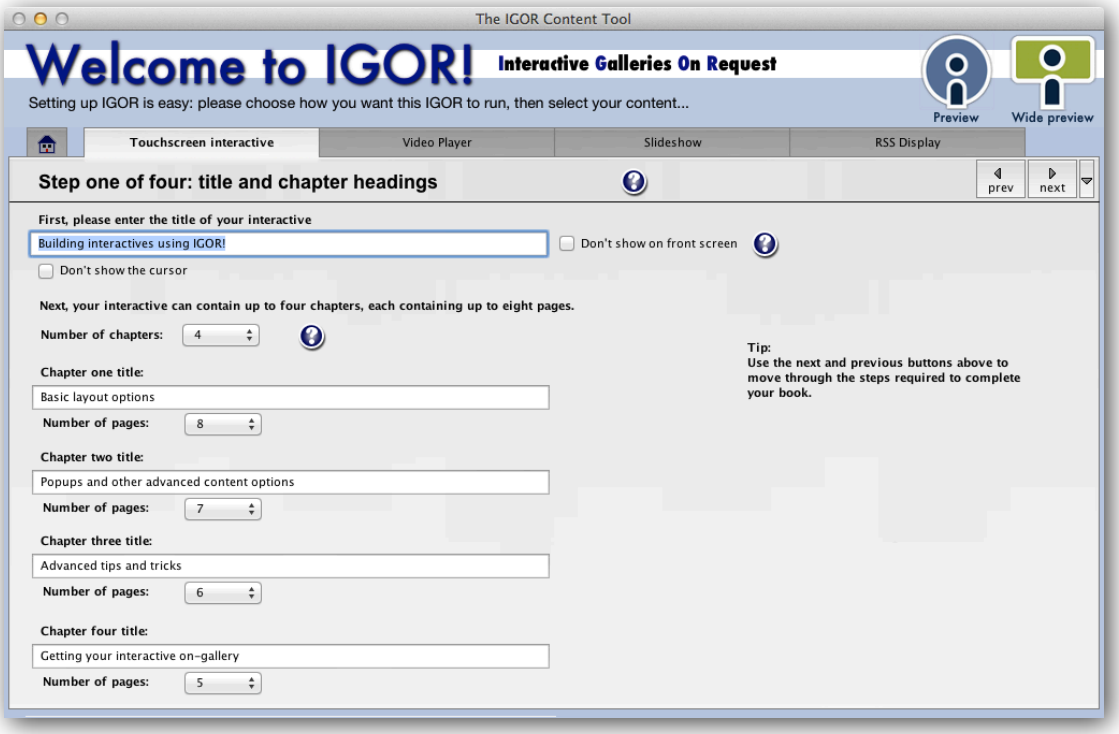
The IGOR Content Tool remembers which tab you pressed before you preview your installation or quit the tool, and runs it in that mode. So if you select the 'slideshow' tab and then quit the content tool, the IGOR program will run in slideshow mode until you launch the content tool again and change it. When you preview your installation or quit the tool it saves your work.

Start building your own exhibit

The easiest way to build your IGOR exhibit is to take the sample exhibits included with the installer and change them a page at a time e.g. for an interactive touchscreen, first change the title and chapter headings; next set the number of pages per chapter; set your fonts and colours; then begin adding content one page at a time. When you are happy with your main content, set your front page, screen saver and background image. Find out more on the following pages...

Touchscreen Interactive

Touchscreen interactive: overview


The IGOR Content Tool
Welcome to IGOR!
Interactive Galleries On Request
Setting up IGOR is easy: please choose how you want this IGOR to run, then select your content...
Preview
Wide preview
Touchscreen interactive
Video Player
Slideshow
RSS Display
Step one of four: title and chapter headings
prev
next
First, please enter the title of your interactive
Building interactives using IGOR!
Don't show on front screen
Don't show the cursor
Next, your interactive can contain up to four chapters, each containing up to eight pages.
Number of chapters: 4
Tip:
Use the next and previous buttons above to move through the steps required to complete your book.
Chapter one title:
Basic layout options
Number of pages: 8
Chapter two title:
Popups and other advanced content options
Number of pages: 7
Chapter three title:
Advanced tips and tricks
Number of pages: 6
Chapter four title:
Getting your interactive on-gallery
Number of pages: 5

Unlike the other IGOR installations, *Touchscreen Interactive* has more than one setup screen - use the previous and next buttons at the top right of the main content panel to move between them.

On the first screen you specify the title of your interactive, the number of chapters, their titles and how many pages they contain.

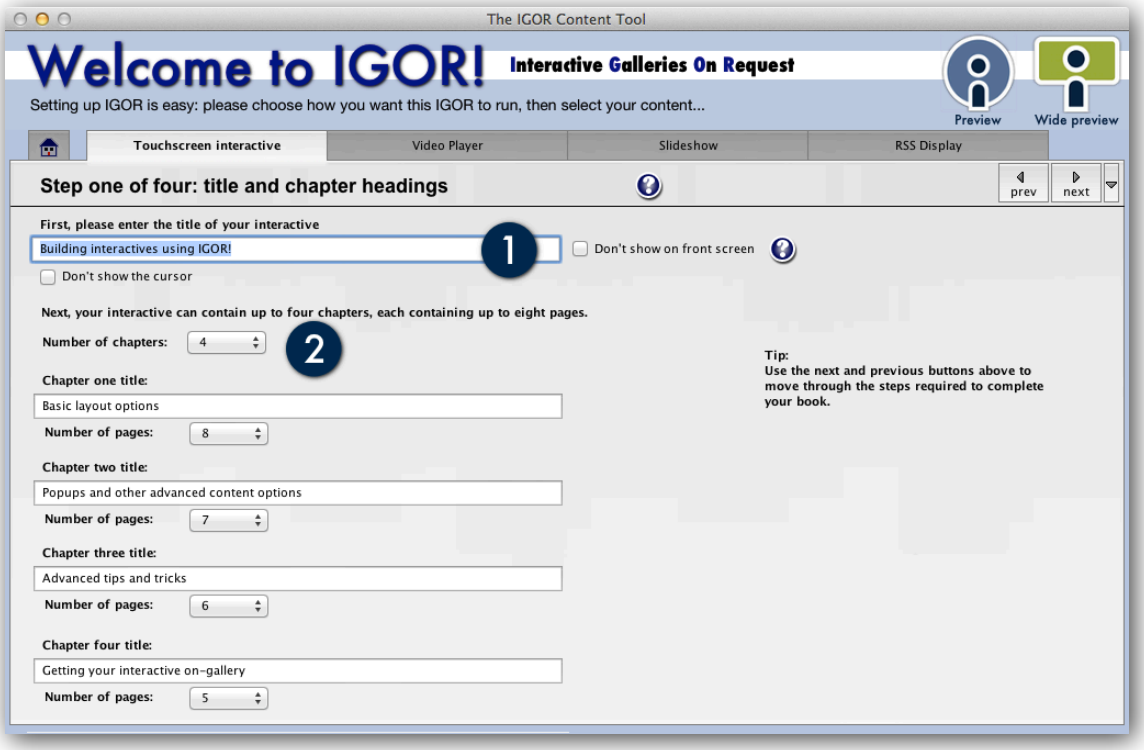
On the next screen you specify the images you want for your screensaver, and how long the interactive will wait for it to begin; the image for your home page; and a background image for the content pages in each chapter.

On the third screen you can set the fonts and button styles for your interactive.

The remaining screens exactly mirror the pages in your interactive - here you can choose a layout template, add text, images and movies.

IGOR's friendly tip: You will see a number of buttons marked 'advanced'. These provide additional features that you don't need to set up if you don't want to. If in doubt - leave them!

Step one: title and chapter headings


The IGOR Content Tool
Welcome to IGOR!
Interactive Galleries On Request
Setting up IGOR is easy: please choose how you want this IGOR to run, then select your content...
Preview
Wide preview
Touchscreen interactive
Video Player
Slideshow
RSS Display
Step one of four: title and chapter headings
prev
next
First, please enter the title of your interactive
Building interactives using IGOR!
1
Don't show on front screen
Don't show the cursor
Next, your interactive can contain up to four chapters, each containing up to eight pages.
Number of chapters: 4
2
Tip:
Use the next and previous buttons above to move through the steps required to complete your book.
Chapter one title:
Basic layout options
Number of pages: 8
Chapter two title:
Popups and other advanced content options
Number of pages: 7
Chapter three title:
Advanced tips and tricks
Number of pages: 6
Chapter four title:
Getting your interactive on-gallery
Number of pages: 5

1 Interactive name/title

This is the name of your interactive and appears on the front screen when the interactive launches.

IGOR's cunning tip: You can click the 'don't show on front screen' button to hide the title when the interactive launches. This is particularly useful if you want the title to appear in a special font - and hence you are creating it as part of your home page image.

IGOR's other cunning tip: Click the 'Don't show the cursor' checkbox to hide the cursor when the touchscreen interactive runs.

2 Number of chapters

Your interactive can have up to four chapters, each with up to eight pages. You can have any combination of content types on those pages. See *step four* below for more information on this.

Step two: screensaver, front page and general background

The IGOR Content Tool
Welcome to IGOR!
Interactive Galleries On Request
Setting up IGOR is easy: please choose how you want this IGOR to run, then select your content...
Preview
Wide preview
Touchscreen interactive
Video Player
Slideshow
RSS Display
Step two of four: screensaver, front page and general background
prev
next
Your interactive's screensaver is a folder of images that will be shown in a looping slideshow until a user touches the scr
1
4 images
Browse...
Show advanced settings: add live text to screensaver
2
Time until screensaver appears:
60
seconds
Your interactive's front page is the first screen the user will see after touching the screen during the screensaver
OR after touching the 'start again' button on other pages. Igor will automatically add links to your chapter/s.
3
Browse...
4
Your interactive's background image forms the graphic background to all content pages. Ideally this should
include areas for a title, body text, images and navigation at the bottom of the screen
5
Browse...

1

Setting the screensaver

You should choose a set of full-screen images and/or video as your screensaver (sometimes known as an *attractor* or *timeout sequence*) - eye-catching and related to the main content. Full-screen images/video should be 1024 by 768 pixels (or 1376 by 774 in Widescreen).

To set up your screensaver, browse to the folder containing the images/video and click okay.

You can then use the pulldown menu to choose how long the interactive will sit 'idle' until the screensaver begins.

IGOR's cunning tip: When creating screensaver images, don't make them too visually busy - strong simple images are best. It is also useful to add some text such as 'Touch the screen to begin' (see below).

2

Advanced setting: adding 'live' text to the screensaver

Press this button to reveal some advanced options.

You can add text to your screensaver - this feature is useful if you want to display a message for visitors but don't want to have to manually add it to all the images in your screensaver folder.

In this advanced panel, you can specify the text, the font, size and colour.

Note: live text only appears over images in the screensaver, not video.

3

Setting the front page image

Your interactive's front page is the first screen the user will see after touching the screen during the screensaver or after touching the 'start again' button on other pages. This is sometimes known as the *contents screen* or *home screen*.

This should be an eye-catching screen, with space for a title - either part of the image or added by IGOR - and for the chapter buttons. The image should be 1024 by 768 pixels.

Click the 'browse' button and select the image you wish to use for this screen. This should be a jpg or PNG.

At it simplest this can just be a blank colour. If the field is blank - or the image is missing - IGOR will draw a white background by default.

IGOR's cunning tip: the chapter buttons are laid out differently depending on whether there are one, two, three, or four. Try changing the amount of chapters (defined on the previous page) and previewing your interactive to see where they are placed.

4

Advanced setting: adding 'live' text to the front page

Press this button to reveal some advanced options.

You can add text to your front page image - this feature is useful if you regularly need to change content on the front page and don't want to have to remake the image again and again.

In this advanced panel, you can specify the text, the font, size and colour. You can also specify the font, size and colour of the interactive's title (if you choose to show it as live text - see page 11).

5

Setting the background image

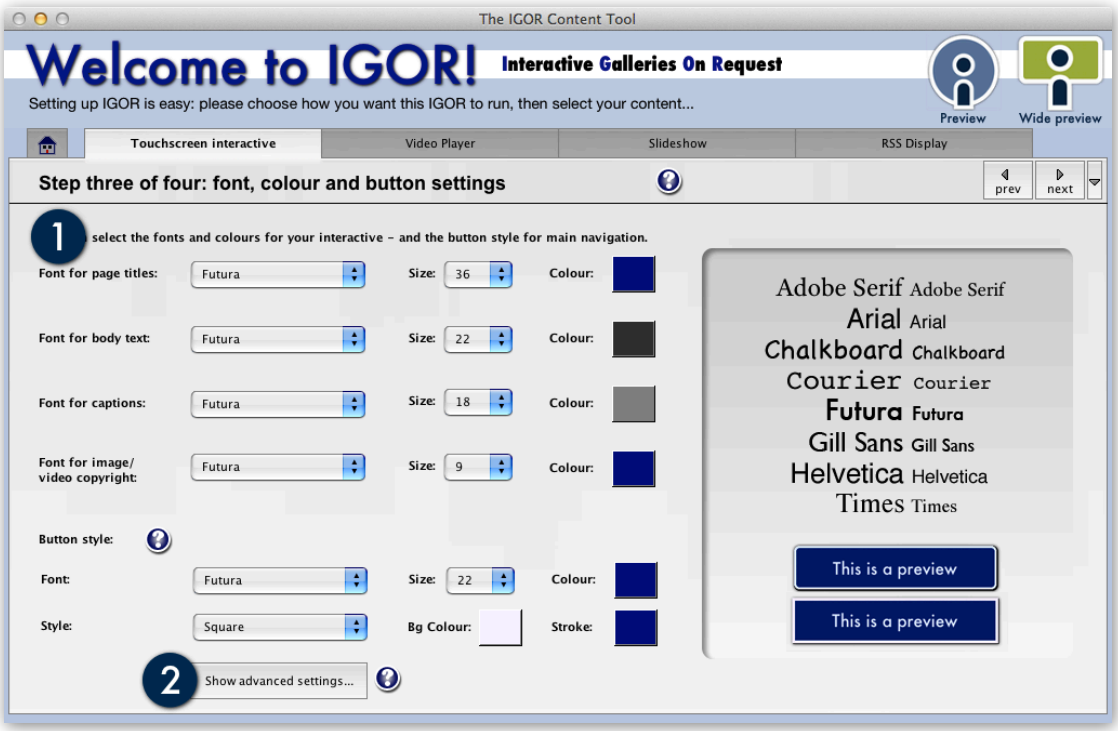
Your interactive's background image forms the graphic background to all content pages. Ideally this should include areas for a title, body text, images and navigation at the bottom of the screen. The image should be 1024 by 768 pixels.

At it simplest this can just be a blank colour. If the field is blank - or the image is missing - IGOR will draw a white background by default.

Click the 'browse' button and select the image. This should be a jpg or PNG.

IGOR's cunning tip: there are some sample background images in the 'interactive_tour/images/' subfolder.

Step three: font, colour and button settings



On this screen you can choose the fonts your interactive will use to display the following:

The interactive's title and page titles
Body text - the main text on every page
Caption text - which appears underneath images and videos
Copyright text - which appears to the left or above images and videos

For each case, use the pulldown menus to select the font and size. Press the coloured buttons to choose colours.

1

Setting button fonts and colours

You can choose the fonts and colours for the navigation buttons in your interactive i.e. the chapter buttons on the front page, and navigation buttons on every content page.

You can also set the background colour and border colour of the buttons (set them both to the same colour if you don't want a visible border).

You can set the style of the buttons as 'rounded rectangle' 'square' and 'transparent'.

IGOR's cunning tip: Users will not be able to see the transparent buttons (duh!) so please ensure your front page and background images provide touchable elements in the correct positions.

2

Advanced navigation bar settings

Touch this button to show the advanced navigation bar settings panel, which contains the following options:

Use images for buttons, place them anywhere

You can override the standard button styles here, by providing an image for any or all of the following:

- The chapter buttons on the home page
- The ‘Start Again’, ‘Previous’ and ‘Next’ buttons in the navigation bar

This mode gives you complete flexibility over the size and style of your buttons.

- Unlike other images in IGOR, these will not be scaled to fit and so must be the correct size in pixels when used. There are some sample images in the guided tour subfolder, ‘buttons’.
- Button text (e.g. ‘GO NEXT’) must be added to the image as it will not be added by IGOR using this mode.

You can place your buttons anywhere - on the front screen only - if you name your image button files like this:

button1_igimage_200_300.jpg (or png)

Where ‘200’ is the location of the image in pixels from the left side of the screen, and ‘300’ is the location of the image in pixels from the top of the screen.

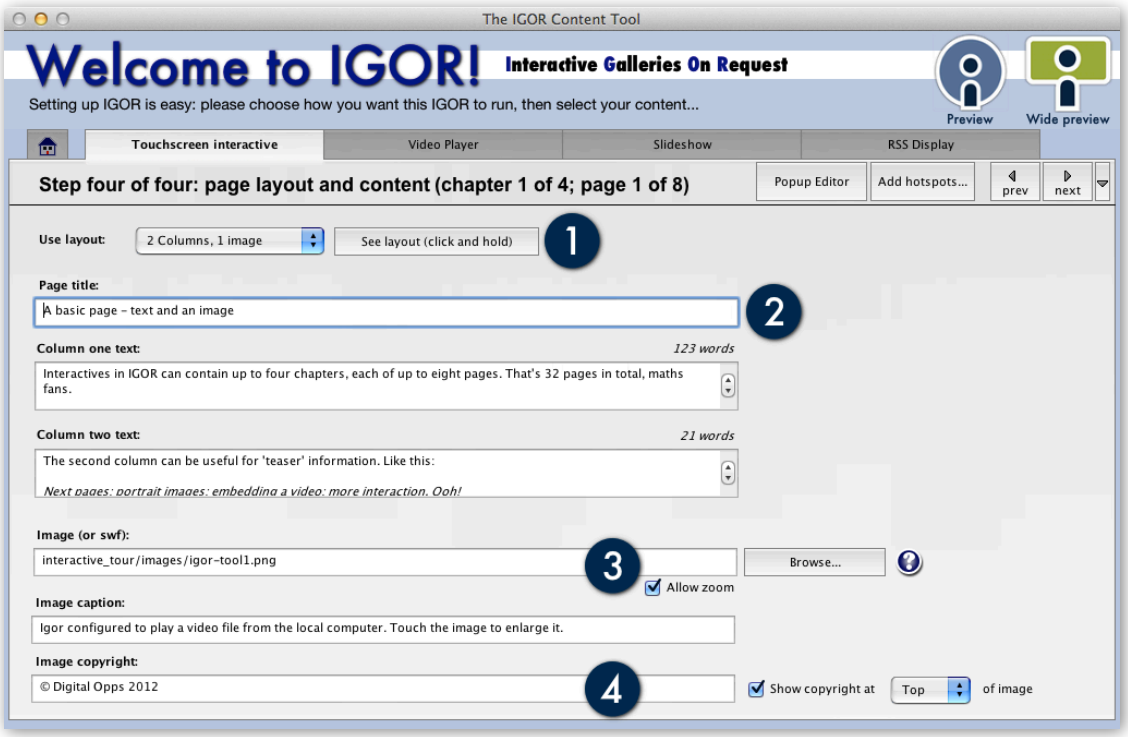
Navigation Context
Here you can toggle the visibility of the 'page x of y' navigation display, and set font, size and colour options.

Loop around pages
You can choose to have ‘wrap around’ page navigation i.e. to press the next button on page 8 of 8 and navigate back to page 1 of 8. If this is not set, the previous button does not appear on the first page of a chapter and the next button does not appear on the last.

Slide between pages
Select this option to create a ‘sliding’ visual effect between pages - making each chapter appear to be one long page.

IGOR's frank but still-cunning tip: if you're not sure whether to change these settings - don't!

Step four: page layout and content


The IGOR Content Tool
Welcome to IGOR!
Interactive Galleries On Request
Setting up IGOR is easy: please choose how you want this IGOR to run, then select your content...
Preview
Wide preview
Touchscreen interactive
Video Player
Slideshow
RSS Display
Step four of four: page layout and content (chapter 1 of 4; page 1 of 8)
Popup Editor
Add hotspots...
prev
next
Use layout:
2 Columns, 1 image
See layout (click and hold)
1
Page title:
A basic page – text and an image
2
Column one text:
123 words
Interactives in IGOR can contain up to four chapters, each of up to eight pages. That's 32 pages in total, maths fans.
Column two text:
21 words
The second column can be useful for 'teaser' information. Like this:
Next pages: portrait images: embedding a video: more interaction. Ooh!
Image (or swf):
interactive_tour/images/igor-tool1.png
3
Browse...
Allow zoom
Image caption:
Igor configured to play a video file from the local computer. Touch the image to enlarge it.
Image copyright:
© Digital Opps 2012
4
Show copyright at
Top
of image

You can now add the content for each of your pages. The content tool provides one 'page' for each page in the interactive.

1

Choose layout

IGOR provides eight layout templates for your interactive. Use this pulldown menu to select one. You can also press and hold the preview button to see an outline illustration of each layout.

IGOR's cunning tip: When you change layouts, certain fields will appear and disappear e.g. if you change from a image layout to a video layout, the image fields will disappear. Don't worry - IGOR hasn't deleted any content, just hidden it. If you revert back to a previous layout, your content will still be there.

2

Adding text to your pages

Click into these fields to add your text. They will appear on screen as shown in the templates e.g. 'title' will appear at the top, 'column one' on the left hand side etc.

You can use bold and italic styling in any text field. You can also use the following special characters:

¡,¢,£,¥,§,¨,©,ª,«,®,¯,°,±,´,µ,¶,·,¸,°,»,¿,÷,À,Á,Â
Ã,Ä,Å,Æ,Ç,È,É,Ê,Ë,Ì,Í,Î,Ï,Ñ,Ò,Ó,Ô,Õ,Ö,Ø,Ù,Ú,Û,Ü
ß,à,á,â,ã,ä,å,æ,ç,è,é,ê,ë,ì,í,î,ï,,ñ,ò,ó,ô,õ,ö,ø,ù,ú,û,ü

IGOR's don't-say-I-didn't-warn-you tip: Because of the way Windows and Apple computers handle special characters - if you are using special characters we recommend you run the content tool on the same platform you will run the IGOR app. Otherwise, some characters may not appear correctly.

IGOR's that-explains-it-then tip: Depending on which layout you choose, you may see options for selecting an image file or a video file. The illustration above shows options for an image file, but a video file is treated in much the same way.

3

Image, caption and copyright

Click on the browse field to choose an image to display on this page of your interactive. It should be in jpg or png format. You can also option-click to choose a .swf file but please be aware that we can not guarantee that these will all work (as we don't know how they were programmed).

If you select the 'Allow zoom' option, users will be able to touch the image and view a zoomed version on-screen.

You can add a caption for your image or leave the field blank.

You can also add a copyright/credit notice by the image - use the pulldown menu to choose where to place it.

4

Video, caption and copyright

Click on the browse field to choose an video to display on this page of your interactive.

The video file should be one of these formats: .mov, .m4v, .flv and should be compressed with the H.264 codec (which is standard for most videos these days).

You can add a caption for your video or leave the field blank.

You can also add a copyright/credit notice by the video - use the pulldown menu to choose where to place it.

Some more advanced tricks - use with caution!

Two columns, one image template

When using the 'two columns, one image' layout you can place an image *anywhere* on the screen if you name your image file like this:

something_igimage_200_300.jpg (or png)

Where '200' is the location of the image in pixels from the left side of the screen, and '300' is the location of the image in pixels from the top of the screen.

By default, images appear over the text on a page (so they can 'zoom' over it). You can override this by naming your image file like this:

something_igimage_bg_0_0.jpg (or png)

In this example the image would be placed at the top left hand corner of the screen and appear below all the text. In this way you can create custom background images for each page.

Finally, you can force the second column of text - which normally sits underneath the image and image caption - to the top of the page by adding [IGOR] to the beginning of the text. And IGOR removes the [IGOR] tag when running - so you won't see it in the text.

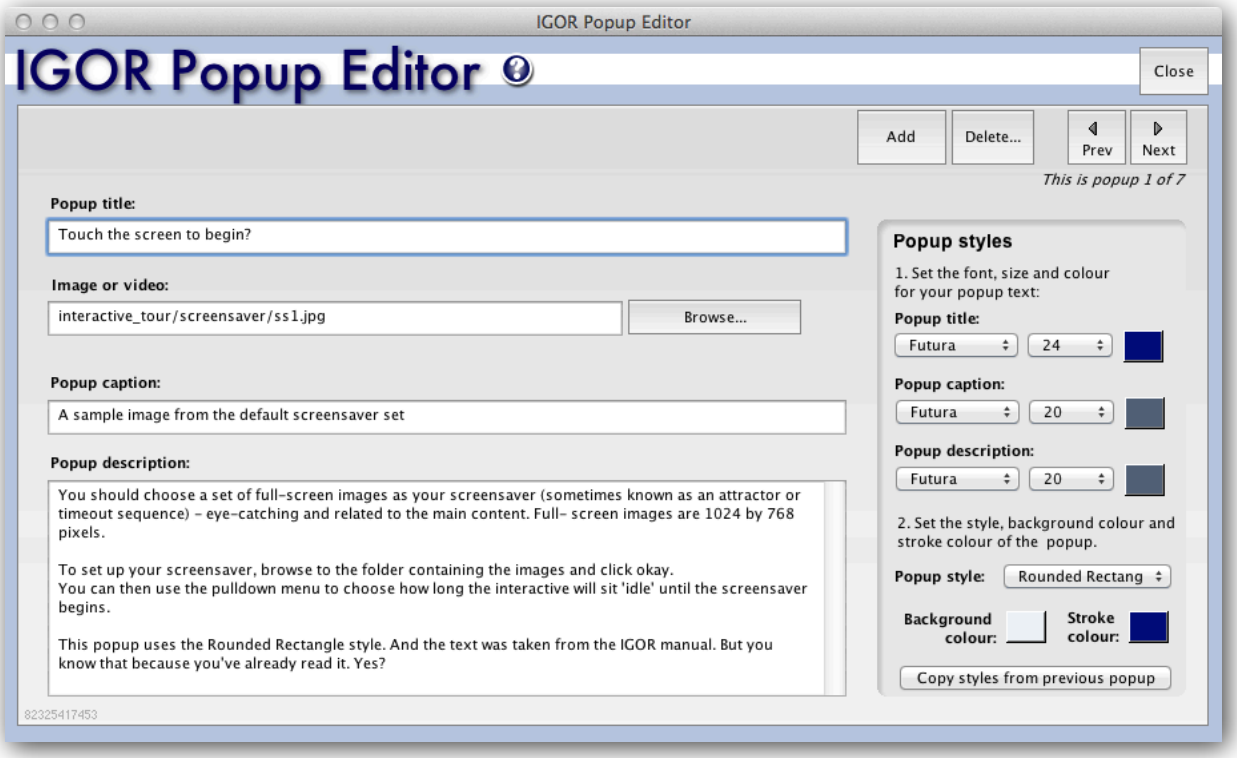
Video takeover template

When using the 'Video Takeover' template you can force IGOR to return to the home page after the video is complete if you name your video file like this:

something_igmovie_gohome.mp4

You might want to use this if you had set up IGOR as a video jukebox, one video per chapter - or if you have a full screen video playing as the last page in the chapter.

Advanced: Popups and hotspots


IGOR Popup Editor
IGOR Popup Editor
Close
Add
Delete...
Prev
Next
This is popup 1 of 7
Popup title:
Touch the screen to begin?
Image or video:
interactive_tour/screensaver/ss1.jpg
Browse...
Popup caption:
A sample image from the default screensaver set
Popup description:
You should choose a set of full-screen images as your screensaver (sometimes known as an attractor or timeout sequence) - eye-catching and related to the main content. Full- screen images are 1024 by 768 pixels.
To set up your screensaver, browse to the folder containing the images and click okay.
You can then use the pulldown menu to choose how long the interactive will sit 'idle' until the screensaver begins.
This popup uses the Rounded Rectangle style. And the text was taken from the IGOR manual. But you know that because you've already read it. Yes?
Popup styles
1. Set the font, size and colour for your popup text:
Popup title:
Futura
24
Popup caption:
Futura
20
Popup description:
Futura
20
2. Set the style, background colour and stroke colour of the popup.
Popup style:
Rounded Rectang
Background colour:
Stroke colour:
Copy styles from previous popup
82325417453

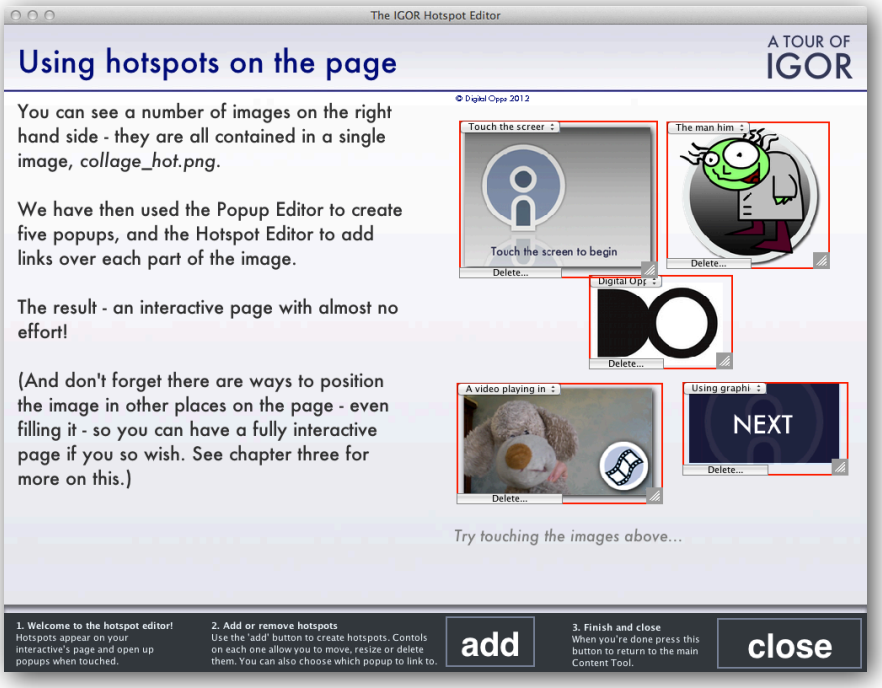
You can add hotspots to the *2 Columns, 1 image* layout which open popup panels containing images, text and video.

Popups

Popups are defined using the Popup Editor (shown above): use it to create, edit and delete popups. For each popup you can set text fonts, sizes and colours - and the background and 'stroke' colours of the main popup panel.

Note

The 'Popup Editor' and 'Add Hotspots...' buttons are only available from any page using the *2 Columns, 1 image* layout. You have to close the popup editor before you can access the hotspot editor and vice versa.


The IGOR Hotspot Editor
Using hotspots on the page
A TOUR OF IGOR
You can see a number of images on the right hand side - they are all contained in a single image, collage_hot.png.
We have then used the Popup Editor to create five popups, and the Hotspot Editor to add links over each part of the image.
The result - an interactive page with almost no effort!
(And don't forget there are ways to position the image in other places on the page - even filling it - so you can have a fully interactive page if you so wish. See chapter three for more on this.)
© Digital Opps 2012
Touch the screer
Touch the screen to begin
Delete...
The man him
Delete...
Digital Opp
Delete...
A video playing in
Delete...
Using graphi
NEXT
Delete...
Try touching the images above...
1. Welcome to the hotspot editor!
Hotspots appear on your interactive's page and open up popups when touched.
2. Add or remove hotspots
Use the 'add' button to create hotspots. Contols on each one allow you to move, resize or delete them. You can also choose which popup to link to.
add
3. Finish and close
When you're done press this button to return to the main Content Tool.
close

Hotspots

Once you have created at least one popup, you can select the 'Add Hotspots...' button on the main Content Tool to view a preview of your page - onto which you can add hotspot links to the popups you just created!

Hotspots can be created, dragged around and resized; each one can be linked to a popup (via a list of popup titles). You can also choose to delete popups from here.

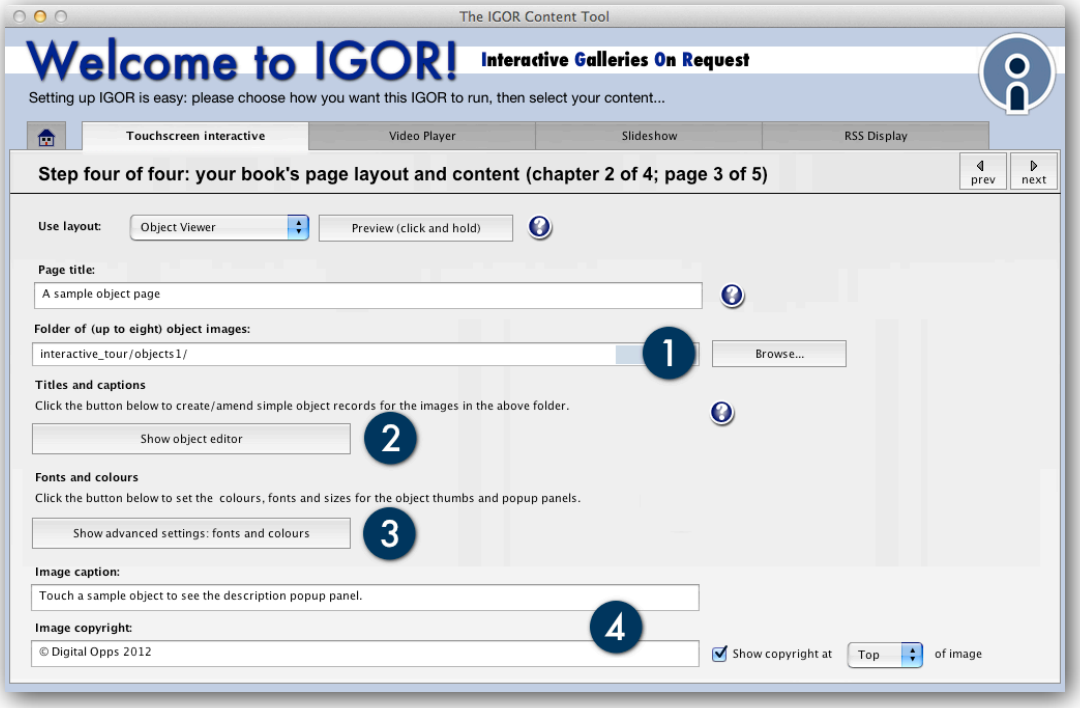
(Note: on Windows, text using the Futura font at size 22 may not display properly in the hotspot editor. This will be addressed in a future release of IGOR.)

Standard vs Widescreen IGOR

The first time you launch the Hotspot Editor (from the Add Hotspots...' button on the Content Tool) it will ask you to choose between displaying in Standard (4:3) or Widescreen (16:9) display ratio. It is important to make the right choice as e.g. hotspots on the far right hand side of a 16:9 display may not be visible on a 4:3 display. (You can change this at a later date this by option-clicking the Add Hotspots... button)

Outside of the Tool, to run IGOR in 4:3 ratio, launch the IGOR program; to run it in 16:9 ratio, launch the IGORWidescreen program.

Advanced: the Object Viewer template


The IGOR Content Tool
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Touchscreen interactive
Video Player
Slideshow
RSS Display
Step four of four: your book's page layout and content (chapter 2 of 4; page 3 of 5)
prev
next
Use layout:
Object Viewer
Preview (click and hold)
Page title:
A sample object page
Folder of (up to eight) object images:
interactive_tour/objects1/
Browse...
1
Titles and captions
Click the button below to create/amend simple object records for the images in the above folder.
Show object editor
2
Fonts and colours
Click the button below to set the colours, fonts and sizes for the object thumbs and popup panels.
Show advanced settings: fonts and colours
3
Image caption:
Touch a sample object to see the description popup panel.
Image copyright:
© Digital Opps 2012
4
Show copyright at
Top
of image

You can use this template to display up to eight image thumbnails on screen, complete with a title caption. Users can touch each thumbnail to display a larger popup window, showing a larger image, title and a description field.

1

Choose your objects

Use the Browse button to navigate to a folder of object images (fitting into a size of about 500 pixels square will ensure they look good both in thumbnail and popup mode). IGOR will find the first eight .jpg or .png files in that folder and add them to the Object Editor

2

Editing Objects

Click the button 'Show Object Editor' to edit the titles and descriptions for your objects. As with other IGOR templates you can use special characters and bold/italic styling.

3

Colours and fonts

Click on the button 'Advanced settings' to set the font, colour and size for the object thumbnail, popup title and description field.

You can also set a background colour for the object thumbnail (or set it to transparent) and a background and stroke colour for the object popup.

4

Caption and copyright

You can also add a caption at the bottom of the screen (e.g. 'Touch an object to find out more') and a copyright/credit string - but note that this is a single credit for all of the objects.

Super large image exploration

When users touch an object image, an object popup appears with a larger version of the image and the description text you entered into the Object Editor.

If you place a very large image in a subfolder of your object folder, and name it the same as one of your object thumbnail images, IGOR will find it and automatically display a magnification button in the relevant object popup, which users can touch to scroll and explore a fullscreen version of the image.

1. Your very large image must be wider than 1024 pixels and taller than 768 pixels.
2. Your very large image must be named *exactly* the same as your thumbnail image.
3. Your very large image much be placed in a folder named 'large' inside your object folder e.g.

    your objects might live here:
    /igor/touchscreen/objects/an_image.jpg
    So your very large image must here:
    /igor/touchscreen/objects/large/an_image.jpg

You can repeat this for every object image you have defined.

Showing different media in the Object Viewer template

The Content Tool looks in the folder where you've placed your object images and finds the first eight jpg or png files. When a user touches one of these objects, IGOR displays the object image at a larger size within the object popup.

You can force IGOR to display a movie in the object popup instead of an image like this:

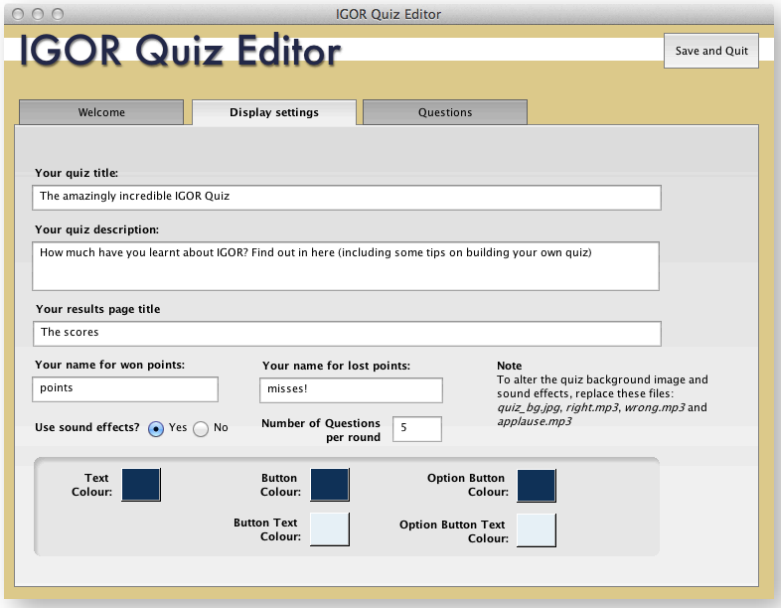
1. Save your movie into your object image folder, named e.g. mymovie1.mov
2. Save a image *representing the movie* into your object image folder, named as per your movie file, but with the suffix _frame.jpg e.g. in this instance mymovie1_frame.jpg

(For instance you might take a single frame of the movie and add a movie icon in the corner to differentiate it from the rest of the object images)

3. IGOR will display the _frame image as an object thumbnail, but show the actual movie file when users open the object popup. You can see an example of this in the guided tour that comes with the IGOR software.

You can use this technique to build up a browsable media library within IGOR e.g. to show different kinds of assets relating to a particular story/place/object etc.

Advanced: the Quiz



IGOR comes with a quiz component that you can access by creating a page that includes the file '/quiz/igorquiz_igimage_0_0.swf'

When running IGOR in Widescreen mode your page should use the '2 columns, 1 image' layout.

When running in standard mode it should use the '1 fullscreen image' template.

The quiz is located in a subfolder of IGOR called 'quiz'. Within that folder is the IGOR Quiz Editor, a small application that enables you to do the following:

- Add questions
- Set the front page text
- Set text and button colours (the quiz only displays the Futura font)
- Choose text for the final score screen (the quiz shows both your correct and incorrect scores)
- Choose whether to play the included sound effects

The Quiz Editor works in a very similar way to the main Content Tool - when you're finished editing simply click 'Save and Quit.'

Advanced: the hidden maintenance screen

Whilst IGOR is running you can quit the program without using a keyboard by accessing the hidden maintenance screen. (This might be useful if you want to e.g. copy over some files from a USB key to an in-gallery exhibit without having to plug in a keyboard).

To access the hidden screen, from the front page of your touchscreen interactive:

- Touch the top left, top right, bottom left and bottom right corners

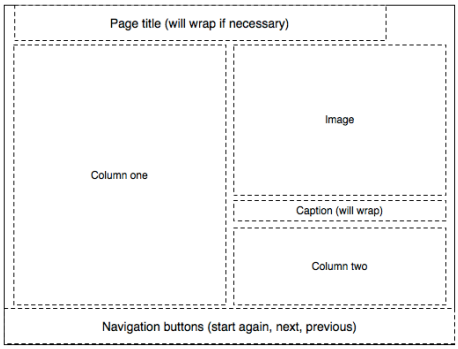
- A box will appear in the top middle of the screen. Touch it.

- The maintenance screen appears. From here you can type in the quit code (5187) followed by the QUIT button to exit the program - or touch the 'RETURN' button to close the maintenance screen.

- After five wrong attempts at the quit code the maintenance screen will auto-hide.
-
-

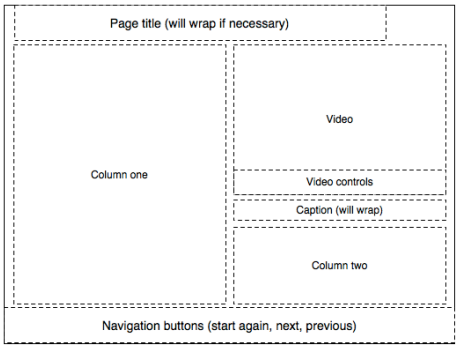
List of all layout templates

IGOR provides eight layout templates for your interactive.



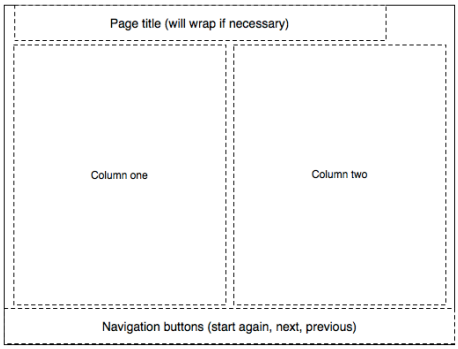
Two columns, one image

IGOR will scale any image you provide to fit into the space provided. With portrait images it will move the caption and column two text down as appropriate. (So you could use this as a 'one column, one image' template if you wished).



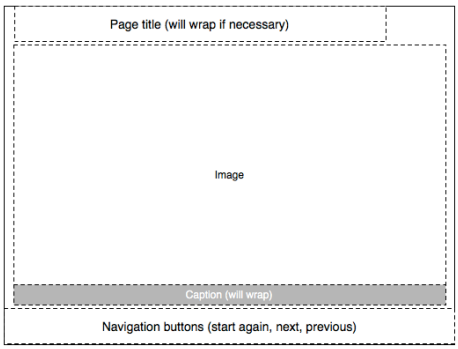
Two columns, one video

IGOR will scale any video you provide to fit into the space provided.



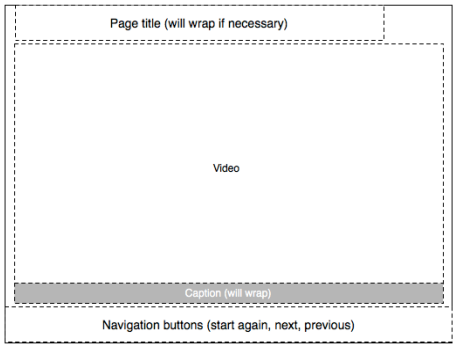
Two columns

A simple layout for two columns of text.



Full size image

IGOR will scale any image you provide to fit into the space between the title and nav bar



Full size video

IGOR will scale any video you provide to fit into the space between the title and nav bar.

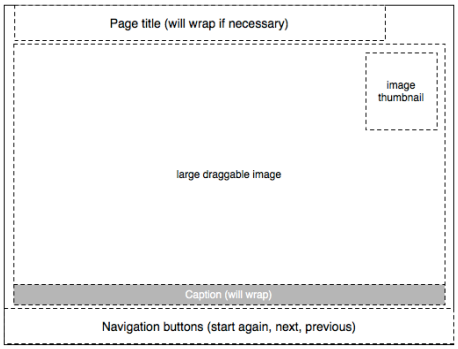
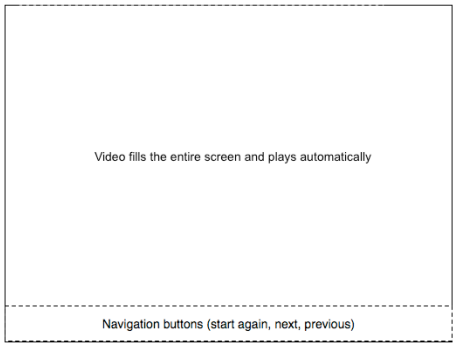

Page title (will wrap if necessary)
image thumbnail
large draggable image
Caption (will wrap)
Navigation buttons (start again, next, previous)

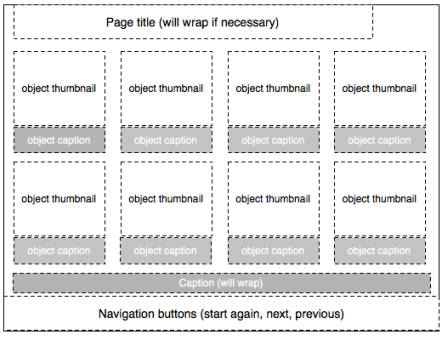
Image Explorer

Specify an image larger than 800 pixels wide and 600 pixels high and IGOR automatically creates a scrollable image, complete with thumbnail and a visual reference for where you are on the image.



Video take over

This is a special mode in which the video takes over the entire screen and auto-plays. The page title and normal page background are not visible; the navigation buttons appear at the bottom of the page over the video



Object viewer

Select a folder of up to eight images and IGOR will display them as ‘object thumbnails’ which can be touched to reveal a popup containing further information. You can add titles and descriptions to each object, and choose fonts, sizes and colours for the thumbnail and popup.

Frequently Asked Questions/Troubleshooting

I can't see the image that I have specified in the content tool
Make sure that the image hasn't been moved or renamed - IGOR will display an error report if this has happened.

I can't select the image I want
IGOR will only accept jpg and png files. Make sure your image is in this format.

My video won't play
IGOR will only accept videos - mov, .m4v, .flv - that have been created using the codec H.264. If you are not sure please check with whoever create the video file.

The front screen/background image is white
This happens if IGOR can't find the images you specified for the front screen and background image. Make sure that the images haven't been moved or renamed - IGOR will display an error report if this has happened.

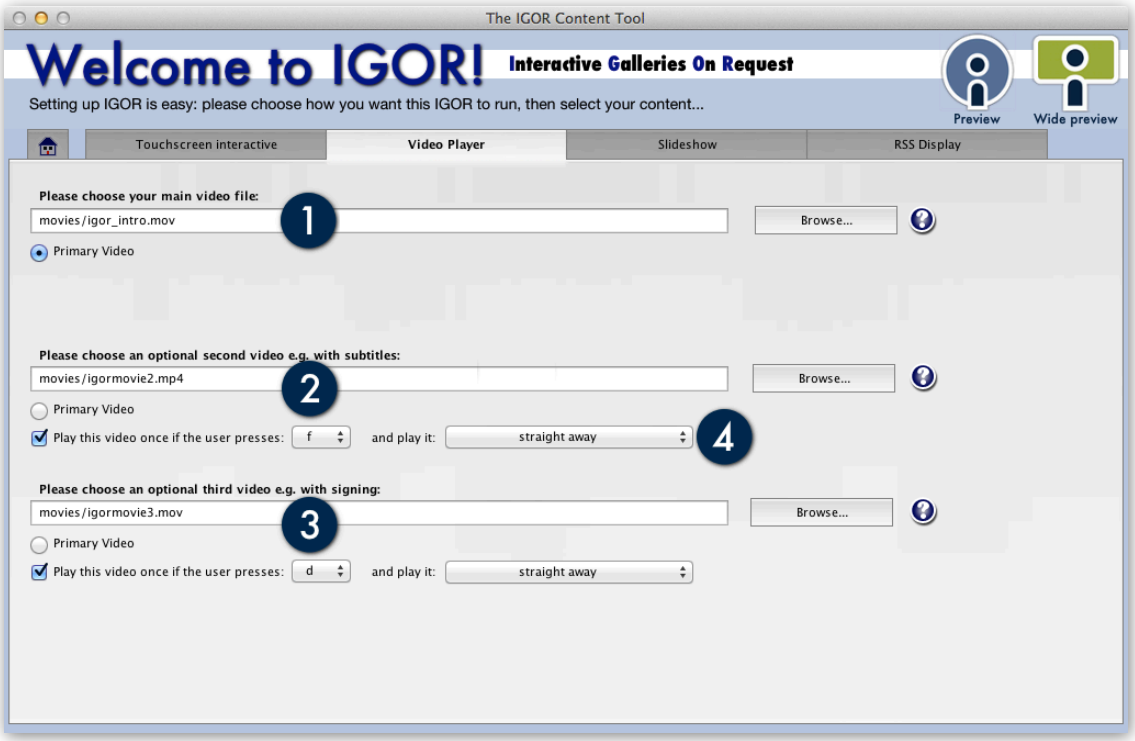
I am using the 'Image Explorer' template and it is behaving weirdly!
Make sure that the image you have specified is larger than 800 by 600 pixels.

I have added a tall image to the page and now my second column of text has vanished
IGOR places the image caption underneath the image, and the second column of text underneath that. If the image is too tall, it will push the second column of text off the bottom of the screen. Either scale your image so that it takes up less space on screen, or move the content to the other column - or the next page.

IGOR didn't save my work after I quit!
IGOR automatically saves your work when you preview your work (by clicking on the IGOR icon in the top right hand corner of the Content Tool) or when you quit the tool. To ensure IGOR saves when quitting, please use the *Quit IGOR Content Tool* menu item.

Video player

Video player: overview



IGOR allows you to present full-screen videos, and swap between three versions e.g. subtitled and signed, if a user presses a pre-defined key.

1

Choose main video file

Click the browse button to find the video file you wish IGOR to play.

This should be your main video. By default, IGOR will set the button marked 'Primary Video' (you can always change this by setting another video as primary but it makes sense to define this one).

The video file should be one of these formats: .mov, .m4v, .flv and should be compressed with the H.264 codec (which is standard for most videos these days).

IGOR's cunning tip: when you create your movie, save it 'optimised for streaming' as this will make it load faster into IGOR.

2

Optional second video file

Click the browse button to find the video file you wish IGOR to play.

This should be different to to main file e.g. a subtitled version of the same.

If you want this video to play by default, then click on the button just underneath marked 'Primary Video'.

The video file should be one of these formats: .mov, .m4v, .flv and should be compressed with the H.264 codec (which is standard for most videos these days)

IGOR's cunning tip: when you create your movie, save it 'optimised for streaming' as this will make it load faster into IGOR.

3

Optional third video file

Click the browse button to find the video file you wish IGOR to play.

This should be different to to main file e.g. a signed version of the same.

If you want this video to play by default, then click on the button just underneath marked 'Primary Video'.

The video file should be one of these formats: .mov, .m4v, .flv and should be compressed with the H.264 codec (which is standard for most videos these days)

IGOR's cunning tip: when you create your movie, save it 'optimised for streaming' as this will make it load faster into IGOR.

4

Video player: Play this video if... checkbox

You can set IGOR to play one of the optional videos if the user presses a certain key.

This is useful if your gallery needs to show other videos alongside the primary one e.g. subtitled or signed.

You can use the pulldown menu to choose whether IGOR plays the other video straight away (by stopping the current video and starting the new one) or once the current video has finished.

How you might use this feature on-gallery

Imagine you have have buttons (real ones) installed by your monitor to allow users to change which video is shown. Check with your hardware contractor, they should be able to configure them to send a particular keypress. Then make sure that IGOR is set up to look for that keypress (choose a letter from the pulldown menu).

IGOR's cunning but more advanced tip: you can also get your hardware contractor to configure devices such as PIR (Passive Infrared Receiver) to send a keypress so that e.g. a different video is played if someone walks past an object, enters a room etc.

Frequently asked questions/troubleshooting

I can't select the video I want
IGOR will only accept video files in these formats: mov, .m4v, .flv
Make sure your video is in this format.

My video won't play
IGOR will only play videos that have been created using the codec H.264. If you are not sure please check with whoever create the video file.

I can't see the video that I have specified in the content tool
Make sure that the video hasn't been moved or renamed - IGOR will display an error report if this has happened.

IGOR didn't save my work after I quit!
IGOR automatically saves your work when you preview your work (by clicking on the IGOR icon in the top right hand corner of the Content Tool) or when you quit the tool.
To ensure IGOR saves when quitting, please use the *Quit IGOR Content Tool* menu item.

Slideshow

Slideshow: overview

IGOR allows you to define and show a looping slideshow of images, with optional captions.

1

Choose folder of images

Click the browse button to select the folder containing the images for your slideshow.

IGOR will find all the images in that folder (but not subfolders) and then show them in a permanent loop during the slideshow.

IGOR's extremely cunning tip: you can keep the images and video IGOR uses anywhere on your computer - but IGOR recommends storing it in a subfolder of your IGOR folder.

IGOR notices when images and videos are stored within the IGOR folder and records their location differently. This means that you can copy the whole IGOR installation to another computer just by copying the IGOR folder (and its contents). It will then run straight away without having to 'tell' IGOR where the files are.

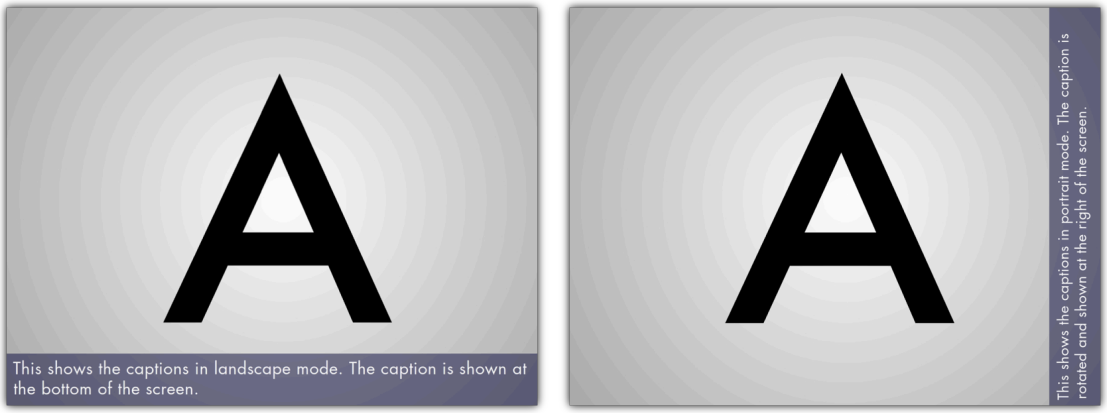
IGOR's other cunning tip: IGOR will scale the images to full-screen, so for best performance try making your images the same aspect ratio that IGOR uses (which is 4:3). IGOR runs at 1024 by 768 pixels.

2

Slide orientation

Click the pulldown menu to set the orientation of the slideshow: landscape (which is the default setting) or portrait.

IGOR's cunning tip: This setting is only used if you add captions to your slideshow.


A
This shows the captions in landscape mode. The caption is shown at the bottom of the screen.
A
This shows the captions in portrait mode. The caption is rotated and shown at the right of the screen.

In landscape orientation, the captions are displayed along the bottom edge of the picture.

In portrait orientation, the captions are rotated counter-clockwise by 90 degrees and displayed along the right edge of the picture. This means that you can rotate your display hardware (monitor, TV etc) and show portrait slides with captions at the bottom of the image.

Delay between slides

Click the pulldown menu to set the delay, in seconds, between each slide. By default this is 5 seconds.

IGOR's cunning and important tip: For your slideshow to play properly please ensure that the delay between slides is longer than the time taken for each transition:

No transition: 1 second
Slow fade: 6 seconds
Quick fade: 2 seconds
Page Bounce: 2 seconds
Push Left to Right: 2 seconds
Push Right to Left: 2 seconds

4

Choose transition

You can choose one of six transitions when IGOR changes slides - rollover the buttons to see a small preview, click a transition to select it. (The selected transition button will darken).

The default transition is none (images change with no visual effect).

5

Advanced: show captions with slides

Click this checkbox to add captions to your slides. Captions appear over a semi-transparent colour bar (to ensure they are visible whether the slide is very bright or very dark).

You can choose the colour of the bar, and the font, colour and size of the captions.

Click in the caption list next to the relevant image and type in your caption.

Special characters are accepted (é, ø, & etc.) but styling (bold, italic) is not.

If you leave a slide caption blank the colour bar will not be shown for that caption.

IGOR's cunning tip: deselect the checkbox to hide your captions, as the content is not deleted, just hidden.

But if you select a *different* set of images for your slideshow, the original captions will be deleted - so be careful...

Frequently asked questions/troubleshooting

My folder is full of images but after I select it IGOR says there are '0 images'
IGOR will check your selected folder and only include images of type .jpg or .png. All other files will be ignored.

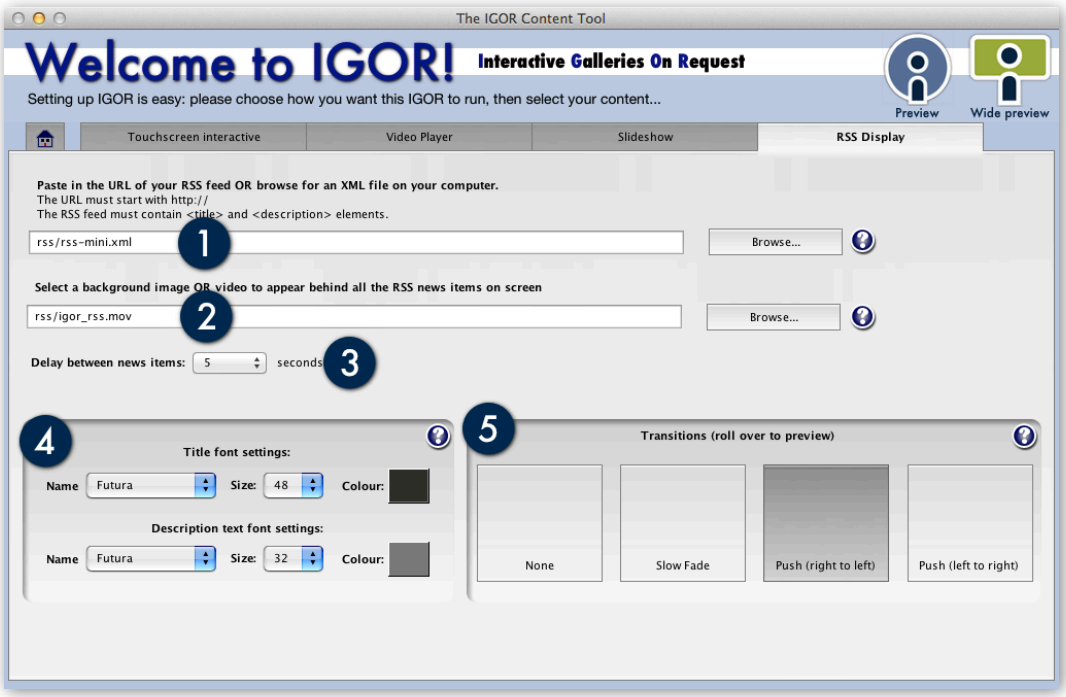
I can't see the images that I have specified in the content tool
Make sure that the folder hasn't been moved or renamed - or that the images within haven't been moved or renamed. IGOR will display an error report if this has happened.

My images look pixellated and 'unclear'
IGOR runs at 1024 by 768 pixels. Make sure your slide images are at least this size. If they are not, IGOR will scale them up, which may result in a loss of clarity.

IGOR didn't save my work after I quit!
IGOR automatically saves your work when you preview your work (by clicking on the IGOR icon in the top right hand corner of the Content Tool) or when you quit the tool. To ensure IGOR saves when quitting, please use the *Quit IGOR Content Tool* menu item.

RSS Viewer

RSS Viewer: overview


The IGOR Content Tool
Welcome to IGOR!
Interactive Galleries On Request
Setting up IGOR is easy: please choose how you want this IGOR to run, then select your content...
Preview
Wide preview
Touchscreen interactive
Video Player
Slideshow
RSS Display
Paste in the URL of your RSS feed OR browse for an XML file on your computer.
The URL must start with http://
The RSS feed must contain <title> and <description> elements.
rss/rss-mini.xml
1
Browse...
Select a background image OR video to appear behind all the RSS news items on screen
rss/igor_rss.mov
2
Browse...
Delay between news items: 5 seconds
3
4
Title font settings:
Name Futura Size: 48 Colour:
Description text font settings:
Name Futura Size: 32 Colour:
5
Transitions (roll over to preview)
None
Slow Fade
Push (right to left)
Push (left to right)

RSS stands for Really Simple Syndication and is an easy way to distribute content through a kind of xml file.

1

Choose an online feed or local file

IGOR can read 'feeds' from the internet in the format RSS 2.0; you can paste URL of the feed into this box.

IGOR can also read a RSS 2.0 file from your local computer, which is handy if you don't have an internet connection - click the browse button to find the file you wish IGOR to read. There is a sample file in the 'RSS' folder of your IGOR installation.

If you specify an online feed, the URL must begin with 'http://' and not 'feed://'

IGOR simply takes the <title> and <description> fields from the RSS feed, so make sure your RSS has those - anything else will be ignored.

2

Choose an image or video to play behind the news items

Click the browse button to find the image or video file you wish IGOR to display behind the news items in your RSS feed.

The video file should be one of these formats: .mov, .m4v, .flv and should be compressed with the H.264 codec. The video will loop permanently whilst IGOR is running. The image or video should be 1024 by 768 pixels.

IGOR's cunning and slightly arty tip: If you wish to use a video as your background try using once that only changes subtly, otherwise it may be too hard for users to read your content.

3

Delay between news items

Click the pulldown menu to set the delay, in seconds, between each news item.

By default this is 10 seconds.

4

Set fonts and colours

You can set the font, colour and size of your news items' title and description text by using these pulldown menus and colour pickers.

5

Choose transition

You can choose one of four transitions when IGOR changes news items - rollover the buttons to see a small preview, click a transition to select it. (The selected transition button will darken).

The default transition is none (images change with no visual effect).

Frequently asked questions/troubleshooting

I can't see my RSS feed
Make sure that the feed begins with 'http://' and not 'feed://'.
Make sure that each entry in the feed contains a <title> and <description> element.

I can't select the background image I want
IGOR will only accept jpg and png files. Make sure your image is in this format.

I can't select the background video I want
IGOR will only accept video files in these formats: mov, .m4v, .flv
Make sure your video is in this format.

I can't see the background image that I specified in the content tool
Make sure that the image hasn't been moved or renamed. IGOR will display an error report if this has happened.

My background image looks pixellated and 'unclear'
IGOR runs at 1024 by 768 pixels. Make sure your slide images are at least this size. If they are not, IGOR will scale them up, which may result in a loss of clarity.

My background video won't play
IGOR will only play videos that have been created using the codec H.264. If you are not sure please check with whoever create the video file.

IGOR didn't save my work after I quit!
IGOR automatically saves your work when you preview your work (by clicking on the IGOR icon in the top right hand corner of the Content Tool) or when you quit the tool. To ensure IGOR saves when quitting, please use the *Quit IGOR Content Tool* menu item.

Installing IGOR on-gallery

Deploying IGOR (running it on-gallery)

When you are happy with your IGOR installation, you should move or copy your IGOR folder (that is, the folder containing the IGOR program, Content Tool and your content) to the computer that will run on-gallery. If this computer is different to the one on which you developed your content, please ensure that all your image and video files are located within the IGOR folder (or a subfolder). This ensures that IGOR will find them when the folder is moved or copied.

You can copy your IGOR folder as you would copy any file or folder on your computer.

Getting IGOR to auto-start

With your IGOR installation successfully copied to your on-gallery computer, you then need to set the IGOR program to automatically run when the computer starts up.

On Windows XP, Vista, Windows 7 or 8:

- Right-click on the IGOR program and select 'Create Shortcut'
- You must then drag the shortcut to the 'Startup Items' folder on your computer.
- You can find the folder here:
  C:\Documents and Settings\{Username}\Start Menu\Programs\Startup
- Where {Username} is the name you use to log into the computer

On a Macintosh computer running OS X 10.5 or greater:

- Drag the IGOR program to the Dock (the collection of icons at the bottom of the screen)
- Right-click (or control-click) on the Icon and select 'Options > Open at Login'

Restart your computer and IGOR should now run automatically.

If you are running the widescreen version of the IGOR, repeat the above steps with the IGORWidescreen program.

That's it - all done!

Note

For additional installations of IGOR simply make another copy of the IGOR folder and develop your content within it. You may have as many installations on-gallery as you have licences.

System requirements, licensing and other notices

IGOR runs on Apple computers running Macintosh 0S 10.5 and greater and on computers running Windows XP, Vista, 7 and 8.

IGOR is created by Digital Opportunities Ltd <www.digitalopps.co.uk>

You can find out more about IGOR here: <www.igor-uk.com>

You can contact us at the following email: ian@digitalopps.co.uk

Licensing

IGOR is available to buy as a single license or in the following packages:

Single licences - one for each installation you have visible to the public

Value - five on-gallery licenses and two development licenses. Development copies may not be seen by the public.

All licenses are eternal. When you have finished with an IGOR installation in one gallery, you can re-purpose it and put it in another. But you can only have as many IGOR installations in-gallery as you have licenses.

If you would like to talk to us about an institutional site license (to cover an entire museum) please contact us on: ian@digitalopps.co.uk

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www.digitalopps.co.uk